## FLORIDA SOLAR ENERGY CENTER

1679 CLEARLAKE ROAD, COCOA, FLORIDA 32922-5703 (321) 638-1000



## **Approved Solar Energy System**

FSEC # S4055			Approval Date: APR 1984 Revision Date: JAN 2004
DISTRIBUTOR			SYSTEM
Thermal Conver	sion Technology		ProgressivTube
101 Copeland Street		PT-40-CN (2)	
Jacksonville, Flo			7 7 5 5 K (2)
This system was evaluated by Standards Program For Solar Do to meet the minimum standards	mestic Water and Pool Heat		
	,	North	South/Central
The calculated Florida Energy Factors for this system are:		Greater than 15	5 Greater than 15
	Description	n	
Collector Manufacturer	Model Number	Units	Total Rating (Btu)
1. Thermal Conversion Tech.	PT-40-CN	2	56,900*
* O <sub>NET</sub> based on FSEC Solar Rating valid only for units	r System Test plumbed in parallel		
Tank Manufacturer	Model Number	Capacity (gal)	Type: Direct
1. Integral Storage		82	
Pump Manufacturer	Model Number	Power Draw (W	Vatts) Rated Power
1. None			
Controller Manufacturer	Model Number	Type:	
1 None			

#### Freeze Protection

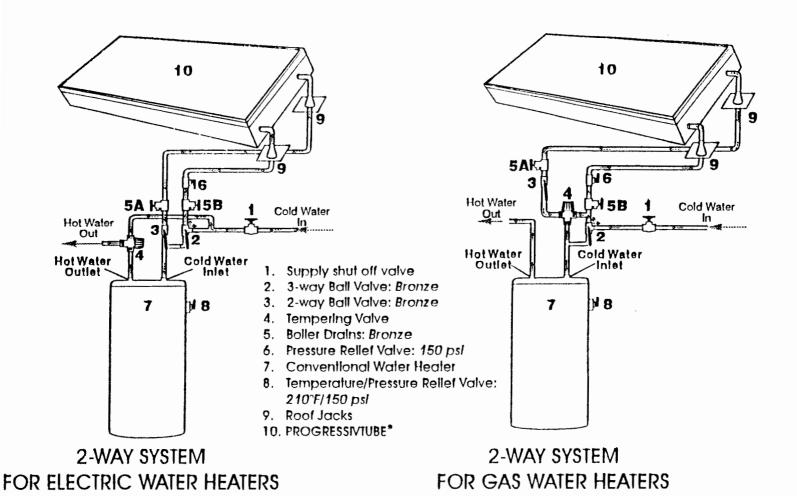
- 1. Thermal mass
- 2. Manual draining

#### Other Major Components

1. None

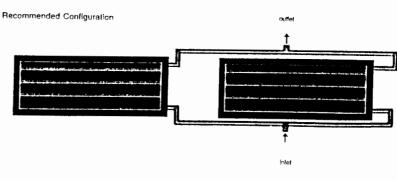
If further information is required you may contact the Florida Solar Energy Center at the above address.

# SYSTEM PLUMBING DIAGRAMS PRE-HEATER SOLAR SYSTEMS



### Two Unit System Piped in Parallel

The collectors in two unit systems <u>MUST</u> be piped in parallel as shown in either of these drawings



Caution: pipe between units  $\underline{must}$  be of equal length between inlet and outlet fittings.

